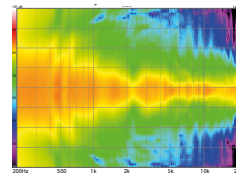
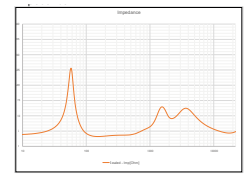


Horizontal Directivity



Vertical Directivity



Impedance

MODEL S5c



TECHNICAL SPECIFICATIONS



Smaller sibling to our S7c. The S5c is designed for applications requiring somewhat smaller center channel. Featuring our proprietary DPC-Array controlling Mid/High frequencies, centered by our finest 28mm Beryllium dome and dual 28mm TPCD ultra-lightweight domes. All transducers are developed ground up by our engineers – bringing decades of research, culminating in this world class design. We teamed up with companies in the USA and Sweden to bring modern material science to hi-fi. Utilizing advanced Comsol acoustical modeling, our DPC-array is the result of 18 months of painstaking simulations and prototyping. The result is one of the most technologically advanced loudspeakers available. This new tweeter/waveguide DPC-Array delivers amazing accuracy, smoothness, and directivity control to handle the critical vocal range and delicate treble. All S-Series speakers share the same DPC-Array and benefit from our unique timbre matching technique across the entire series. Custom bass drivers made from thin-ply carbon diaphragms (TPCD) used here in a compact acoustic suspension enclosure for predictable low frequency performance ideally suited for multi-channel systems.

BASIC

Dimensions (HxWxD)
4240 x 596 x 300mm
19.5 x 23.5 x 11.8"

Weight
21.4 kg (47.1 lbs.)

Available finishes
Piano Gloss Black, White
Special Edition Veneers

TECHNICAL

Enclosure Alignment
3-way acoustic suspension

Driver complement
DCP-Array: 28mm(3) Beryllium
28mm(2) Textreme TPCD
Woofers: 180mm(2) Textreme TPCD

Sensitivity (2pi)
88.8dB / 2.83v / 1.0m

Impedance
4Ω nominal / 3.2Ω min

Response Linearity
80 - 20kHz +/-1.5dB window

Frequency Response (-10dB)
Acoustic suspension: 42 - 34kHz

Typical In Room bass extension
Acoustic suspension: 33Hz

Recommended Amplifier Power
100 - 300W RMS

SPL capability @1m (100-20kHz)
113.6dB peak
111.0dB peak <3% - 2nd, 3rd Harmonics

Certification
THX Dominus, THX Ultra

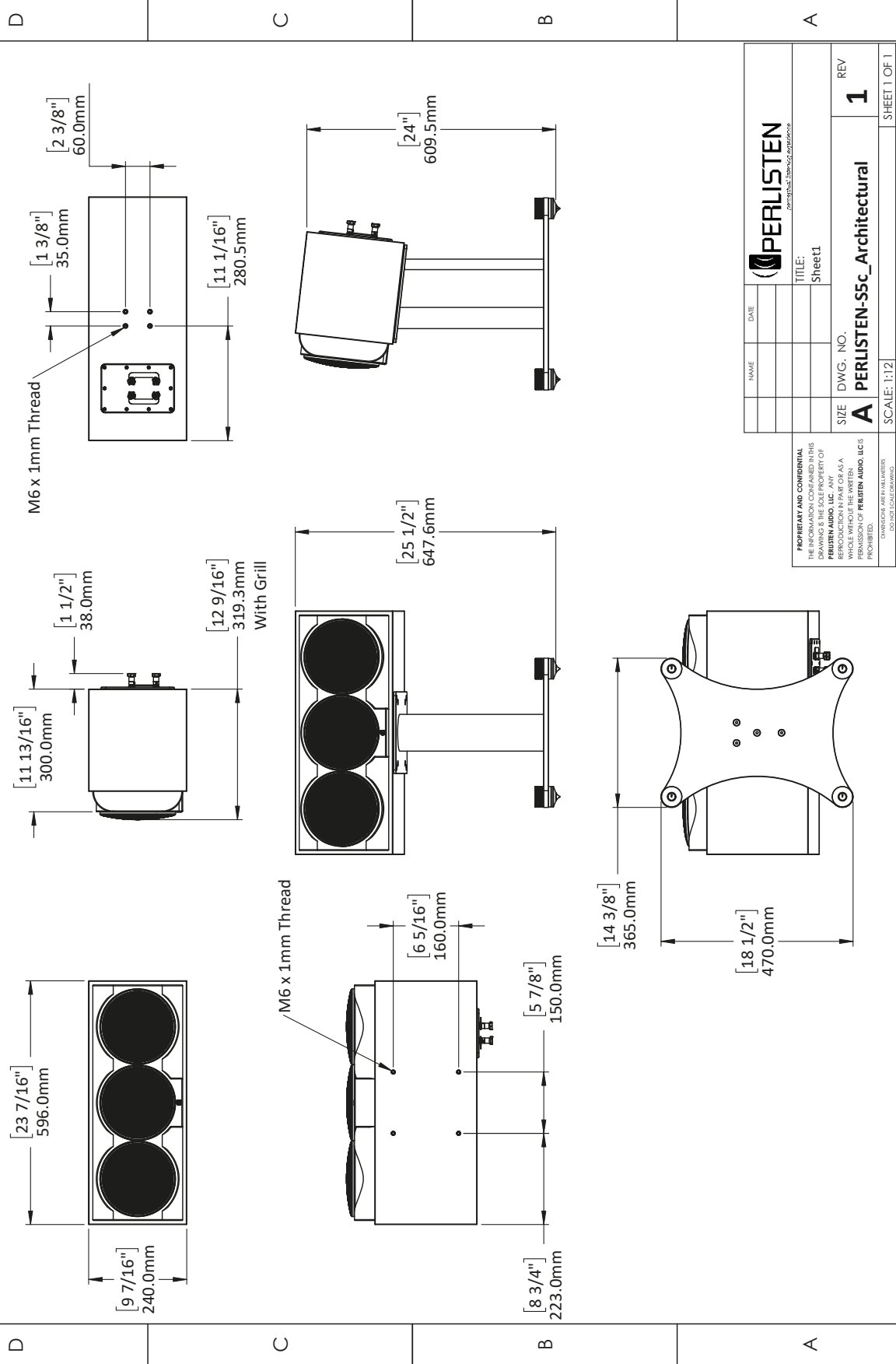


DPC-Array
Directivity pattern control
*USA Patent pending



TPCD
Thin Ply Carbon Diaphragms

REVISIONS		DATE
REV.	DESCRIPTION	
1	Initial Release	1/10/2022



NAME	DATE	 <small>PERLISTEN AUDIO, LLC</small>
TITLE:		Sheet 1
SIZE	DWG. NO.	REV
A	PERLISTEN-S5c_Architectural	1
SCALE: 1:12		SHEET 1 OF 1

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